INDEX

Adrian, R. J. *See* Mei & Adrian

Bau, H. H. *See* Wang, Singer & Bau

Çabuk, H. & Modi, V. Optimum plane diffusers in laminar flow, 373–393

Campbell, C. S. *See* Zhang & Campbell

Cessi, P. & Young, W. R. Fixed-flux convection in a tilted slot, 57–71

Chabert-d'Hières, G. *See* Richards, Smeed, Hopfinger & Chabert-d'Hières

Chaplin, J. R. Orbital flow around a circular cylinder. Part 1. Steady streaming in non-uniform conditions, 395–411

Cho, J. R. & Chung, M. K. A k–ϵ–γ equation turbulence model, 301–322

Chung, M. K. *See* Cho & Chung

Cleveland, W. G. *See* Klebanoff, Cleveland & Tidstrom

Cowley, S. J. *See* Goldstein, Leib & Cowley

Davis, A. M. J. Drag modifications for a sphere in a rotational motion at small, non-zero Reynolds and Taylor numbers: wake interference and possibly Coriolis effects, 13–22

Ferziger, J. H. *See* Holt, Koseff & Ferziger

Finlay, W. H. Transition to turbulence in a rotating channel, 73–99

Goldstein, M. E., Leib, S. J. & Cowley, S. J. Distortion of a flat-plate boundary layer by free-stream vorticity normal to the plate, 231–260

Grotberg, J. B. *See* Halpern & Grotberg

Halpern, D. & Grotberg, J. B. Dynamics and transport of a localized soluble surfactant on a thin film, 1–11

Harper, J. F. The leading edge of an oil slick, soap film, or bubble stagnant cap in Stokes flow, 23–32

Holloway, A. G. L. & Tavoularis, S. The effects of curvature on sheared turbulence, 569–603

Holt, S. E., Koseff, J. R. & Ferziger, J. H. A numerical study of the evolution and structure of homogeneous stably stratified sheared turbulent, 499–539

Hopfinger, E. J. *See* Richards, Smeed, Hopfinger & Chabert-d'Hières

Hyun, J. M. & Park, J. S. Spun-up from a rest of a compressible fluid in a rapidly rotating cylinder, 413–434

Killworth, P. D. On hydraulic control in a stratified fluid, 605–626

Klebanoff, P. S., Cleveland, W. G. & Tidstrom, K. D. On the evolution of a turbulent boundary layer induced by a three-dimensional roughness element, 101–187

Koseff, J. R. *See* Holt, Koseff & Ferziger

Krettnauer, K. & Schumann, U. Numerical simulation of turbulent convection over wavy terrain, 261–299

Leal, L. G. *See* Szeri, Milliken & Leal

Leib, S. J. *See* Goldstein, Leib & Cowley

Li, J., Sun, J. & Roux B. Numerical study of an oscillating cylinder in uniform flow and in the wake of an upstream cylinder, 457–478

INDEX

Adrian, R. J. *See* Mei & Adrian

Bau, H. H. *See* Wang, Singer & Bau

Çabuk, H. & Modi, V. Optimum plane diffusers in laminar flow, 373–393

Campbell, C. S. *See* Zhang & Campbell

Cessi, P. & Young, W. R. Fixed-flux convection in a tilted slot, 57–71

Chabert-d'Hières, G. *See* Richards, Smeed, Hopfinger & Chabert-d'Hières

Chaplin, J. R. Orbital flow around a circular cylinder. Part 1. Steady streaming in non-uniform conditions, 395–411

Cho, J. R. & Chung, M. K. A k–ϵ–γ equation turbulence model, 301–322

Chung, M. K. *See* Cho & Chung

Cleveland, W. G. *See* Klebanoff, Cleveland & Tidstrom

Cowley, S. J. *See* Goldstein, Leib & Cowley

Davis, A. M. J. Drag modifications for a sphere in a rotational motion at small, non-zero Reynolds and Taylor numbers: wake interference and possibly Coriolis effects, 13–22

Ferziger, J. H. *See* Holt, Koseff & Ferziger

Finlay, W. H. Transition to turbulence in a rotating channel, 73–99

Goldstein, M. E., Leib, S. J. & Cowley, S. J. Distortion of a flat-plate boundary layer by free-stream vorticity normal to the plate, 231–260

Grotberg, J. B. *See* Halpern & Grotberg

Halpern, D. & Grotberg, J. B. Dynamics and transport of a localized soluble surfactant on a thin film, 1–11

Harper, J. F. The leading edge of an oil slick, soap film, or bubble stagnant cap in Stokes flow, 23–32

Holloway, A. G. L. & Tavoularis, S. The effects of curvature on sheared turbulence, 569–603

Holt, S. E., Koseff, J. R. & Ferziger, J. H. A numerical study of the evolution and structure of homogeneous stably stratified sheared turbulent, 499–539

Hopfinger, E. J. *See* Richards, Smeed, Hopfinger & Chabert-d'Hières

Hyun, J. M. & Park, J. S. Spun-up from a rest of a compressible fluid in a rapidly rotating cylinder, 413–434

Killworth, P. D. On hydraulic control in a stratified fluid, 605–626

Klebanoff, P. S., Cleveland, W. G. & Tidstrom, K. D. On the evolution of a turbulent boundary layer induced by a three-dimensional roughness element, 101–187

Koseff, J. R. *See* Holt, Koseff & Ferziger

Krettnauer, K. & Schumann, U. Numerical simulation of turbulent convection over wavy terrain, 261–299

Leal, L. G. *See* Szeri, Milliken & Leal

Leib, S. J. *See* Goldstein, Leib & Cowley

Li, J., Sun, J. & Roux B. Numerical study of an oscillating cylinder in uniform flow and in the wake of an upstream cylinder, 457–478

Lin, A.-C. *See* Wong & Lin

Mei, R. & Adrian, R. J. Flow past a sphere with an oscillation in the free-stream velocity and unsteady drag at finite Reynolds number, 323–341

Milliken, W. J. *See* Szeri, Milliken & Leal

Modi, V. *See* Çabuk & Modi

Park, J. S. *See* Hyun & Park

Pozrikidis, C. The buoyancy-driven motion of a train of viscous drops within a cylindrical tube, 627–648

Radder, A. C. An explicit Hamiltonian formulation of surface waves in water of finite depth, 435–455

Richards, K. J., Smeed, D. A., Hopfinger, E. J. & Chabert-d'Hières, G. Boundary-layer separation of rotating flow past surface-mounted obstacles, 343–371

Roux, B. *See* Li, Sun & Roux

Rucklidge, A. M. Chaos in models of double convection, 209–229

Schumann, U. *See* Krettenauer & Schumann

Singer, J. *See* Wang, Singer & Bau

Smeed, D. A. *See* Richards, Smeed, Hopfinger & Chabert-d'Hières

Sudo, K., Sumida, M. & Yamane, R. Secondary motion of fully developed oscillatory flow in a curved pipe, 189–208

Sumida, M. *See* Sudo, Sumida & Yamane

Sun, J. *See* Li, Sun & Roux

Szeri, A. J., Milliken, W. J. & Leal, L. G. Rigid particles suspended in time-dependent flows: irregular versus regular motion, disorder versus order, 33–56

Tavoularis, S. *See* Holloway & Tavoularis

Tidstrom, K. D. *See* Klebanoff, Cleveland & Tidstrom

Wang, Y., Singer, J. & Bau, H. H. Controlling chaos in a thermal convection loop, 479–498

Wong, S.-C. & Lin, A.-C. Internal temperature distributions of droplets vaporizing in high-temperature convective flows, 671–687

Worster, M. G. Instabilities of the liquid and mushy regions during solidification of alloys, 649–669

Yamane, R. *See* Sudo, Sumida & Yamane

Young, W. R. *See* Cessi & Young

Zhang, Y. & Campbell, C. S. The interface between fluid-like and solid-like behaviour in two-dimensional granular flows, 541–568